

metal oxide nanocrystals;

particles of activated carbon; and

a polymeric binder

A1
Cont. wherein the polymeric binder is present in sufficient amount to adhere the activated carbon particles to each other, and wherein the metal oxide nanocrystals are dispersed in the polymeric binder.

Please add the following claim.

A2
8 --~~16~~. The filtration media of claim 1, wherein the binder adheres the activated carbon particles together in the form of a porous mass or block.--
